

Amdt. dated August 18, 2004
Reply to Office action of April 18, 2004

Serial No. 09/579,864
Docket No. STL920000034US1
Firm No. 0054.0029

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Previously Amended) A method for providing information describing a file system connection between a local file system located on a local system and a host file system located on a host system, said method comprising:

encoding the information in a metalanguage format comprising one or more tags, each tag having an identifier and a set of one or more attributes, wherein the encoded information comprises a file system connection descriptor; said file system connection descriptor comprising:

- a local system data structure representing the local file system;
- a host system data structure representing the host file system; and
- a mapping data structure representing a mapping between the local file system and

the host file system; and

parsing the file system connection descriptor according to the metalanguage tags.

2. (Original) A data structure embodied in a computer-readable storage medium, said data structure representing information describing a file system connection between a local file system located on a local system and a host file system located on a host system, wherein said data structure comprises a file system connection descriptor, said file system connection descriptor comprising:

- a local system data structure representing the local file system;
- a host system data structure representing the host file system; and
- a mapping data structure representing a mapping between the local file system and the

host file system.

3. (Original) The file system connection descriptor of claim 2 wherein the mapping data structure comprises:

- a local file extension data structure storing a local file extension;

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a host file pattern data structure storing a pattern describing a host file to which the local file extension will be applied; and

a transfer type data structure storing a transfer type that defines how data will be transferred between the host system and the local system for this mapping.

4. (Original) The file system connection descriptor of claim 3 wherein the mapping data structure further comprises:

a host codepage data structure storing an identification of a host codepage in which data in the host file is encoded; and

a local-codepage data structure storing an identification of a local codepage in which data in a local file is encoded.

5. (Original) The file system connection descriptor of claim 2 wherein the host system data structure comprises:

a data structure storing an identification of the host system;

a data structure storing an identification of a user of the host system;

a data structure storing an identification of a preferred drive on the local system; and

a data structure storing an indication that the preferred drive be automatically connected by default when a remote connection is established with the host system.

6. (Original) The file system connection descriptor of claim 2 wherein the host system data structure further comprises:

a data structure storing an identification of a list of qualifier data structures, wherein each qualifier data structure stores a qualifier name, a name identifying a directory on the host system, and an identification of file attributes of a file located in the host system directory.

7. (Original) The file system connection descriptor of claim 2 encoded in a tagged metalanguage document comprising one or more tags, each tag having an identifier and a set of one or more attributes.

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8. (Currently Amended) The file system connection descriptor of claim [3] 7, wherein the tagged metalanguage is Extensible Markup Language (XML).

9. (New) The method of claim 1, wherein the mapping data structure comprises:
a local file extension data structure storing a local file extension;
a host file pattern data structure storing a pattern describing a host file to which the local file extension will be applied; and
a transfer type data structure storing a transfer type that defines how data will be transferred between the host system and the local system for this mapping.

10. (New) The method of claim 9, wherein the mapping data structure further comprises:
a host codepage data structure storing an identification of a host codepage in which data in the host file is encoded; and
a local-codepage data structure storing an identification of a local codepage in which data in a local file is encoded.

11. (New) The method of claim 1, wherein the host system data structure comprises:
a data structure storing an identification of the host system;
a data structure storing an identification of a user of the host system;
a data structure storing an identification of a preferred drive on the local system; and
a data structure storing an indication that the preferred drive be automatically connected by default when a remote connection is established with the host system.

12. (New) The method of claim 1, wherein the host system data structure further comprises:
a data structure storing an identification of a list of qualifier data structures, wherein each qualifier data structure stores a qualifier name, a name identifying a directory on the host system, and an identification of file attributes of a file located in the host system directory.

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13. (New) The method of claim 1, wherein the file system connection descriptor is encoded in a tagged metalanguage document comprising one or more tags, each tag having an identifier and a set of one or more attributes.

14. (New) The method of claim 13, wherein the tagged metalanguage is Extensible Markup Language (XML).

15. (New) A local system in communication with a host system having a host file system over a network, comprising:

a storage device having a local file system; and

a computer readable medium including a data structure, said data structure representing information describing a file system connection between the local file system located on the local system and the host file system located on the host system, wherein said data structure comprises a file system connection descriptor, said file system connection descriptor comprising:

(i) a local system data structure representing the local file system;

(ii) a host system data structure representing the host file system; and

(iii) a mapping data structure representing a mapping between the local file system and the host file system.

16. (New) The local system of claim 15, wherein the mapping data structure comprises:
a local file extension data structure storing a local file extension;
a host file pattern data structure storing a pattern describing a host file to which the local file extension will be applied; and

a transfer type data structure storing a transfer type that defines how data will be transferred between the host system and the local system for this mapping.

17. (New) The local system of claim 16, wherein the mapping data structure further comprises:

a host codepage data structure storing an identification of a host codepage in which data in the host file is encoded; and

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a local-codepage data structure storing an identification of a local codepage in which data in a local file is encoded.

18. (New) The local system of claim 15, wherein the host system data structure comprises:

- a data structure storing an identification of the host system;
- a data structure storing an identification of a user of the host system;
- a data structure storing an identification of a preferred drive on the local system; and
- a data structure storing an indication that the preferred drive be automatically connected by default when a remote connection is established with the host system.

19. (New) The local system of claim 15, wherein the host system data structure further comprises:

- a data structure storing an identification of a list of qualifier data structures, wherein each qualifier data structure stores a qualifier name, a name identifying a directory on the host system, and an identification of file attributes of a file located in the host system directory.

20. (New) The local system of claim 15, wherein the file system connection descriptor is encoded in a tagged metalanguage document comprising one or more tags, each tag having an identifier and a set of one or more attributes.

21. (New) The local system of claim 20, wherein the tagged metalanguage is Extensible Markup Language (XML).